

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

ATTY. DOCKET NO.

SERIAL NO.

JEL 30763

09/380,312

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

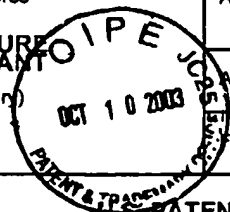
M. MINAMIO, et al.

FILING DATE

August 31, 1999

GROUP

2815



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
LC	5 4 1 0 6 7 7 6	01/1978	JP	—	—	X	
	6 1 4 2 8 5 6	03/1986	JP	—	—	X	
	4 1 2 3 5 5 0	11/1992	JP	—	—	X	
	6 2 1 3 0 4	01/1994	JP	—	—	X	
	6 8 5 1 3 2	03/1994	JP	—	—	X	
	6 2 1 3 1 5	01/1994	JP	—	—	X	
	6 1 0 4 3 6 4	04/1994	JP	—	—	X	
↓	7 5 0 3 8 0	02/1995	JP	—	—	X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

12/15/03

EXAMINER: Initial if citation is considered, draw line through citation if not in compliance and not considered. Include copy of this form with next communication to applicant.